

## **WSJ/NORC Ukraine Poll June 2022**

# Conducted by NORC at the University of Chicago With funding from the Wall Street Journal

Interviews: 06/09-6/13 2022 1,005 adults Margin of sampling error: +/- 4.0 percentage points at the 95% confidence level among all adults

NOTE: All results show percentages among all respondents, unless otherwise labeled.

PRES. How well do you think President Zelensky is handling each of the following issues? Is he handling them very well, somewhat well, neither well nor poorly, somewhat poorly, or very poorly?

|  | Very/    |      |          | Neither  | Somewhat/   |          |        |    |      |
|--|----------|------|----------|----------|-------------|----------|--------|----|------|
| WSJ/NORC   | somewhat | Very | Somewhat | well nor | very poorly | Somewhat | Very   |    | SKP/ |
| 06/09-13/2022                                      | well NET | well | well     | poorly   | NET         | poorly   | poorly | DK | REF  |
| Economic Issues                                    | 58       | 18   | 39       | 19       | 16          | 9        | 6      | 7  | 1    |
| Leading Ukraine's fight against Russia's invasion  | 78       | 38   | 40       | 9        | 7           | 3        | 4      | 5  | 1    |
| Negotiations with<br>Russia to end the<br>fighting | 40       | 20   | 20       | 18       | 16          | 9        | 7      | 21 | 4    |
| Relations with Western countries                   | 80       | 37   | 42       | 10       | 5           | 3        | 2      | 4  | 1    |

N=1,005

ECO1. Thinking about your <u>personal economic situation</u>, how would you compare it to a year ago? Is it...?

### [HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

|                                 | WSJ/NORC<br>06/09-13/2022 |
|---------------------------------|---------------------------|
| Much better/somewhat better NET | 7                         |
| Much better                     | 3                         |
| Somewhat better                 | 5                         |
| Neither better nor worse        | 26                        |
|                                 |                           |
| Somewhat worse/much worse NET   | 66                        |
| Somewhat worse                  | 35                        |
| Much worse                      | 31                        |
| DON'T KNOW                      | 1                         |
| SKIP/REFUSED                    | *                         |

TRUST1. Next we will ask you about some individuals and institutions in this country. How much do you trust each of the following?

| WSJ/NORC<br>06/09-13/2022                                       | A great deal/<br>somewhat<br>NET | A great<br>deal | Somewhat | Very<br>little/not<br>at all NET | Very<br>little | Not at<br>all | DK | SKP/<br>REF |
|---|----------------------------------|-----------------|----------|----------------------------------|----------------|---------------|----|-------------|
| President Zelensky<br>(N=1,005)                                 | 84                               | 55              | 29       | 14                               | 9              | 5             | 1  | 1           |
| The Rada (N=1,005)  | 38                               | 9               | 29       | 57                               | 39             | 18            | 4  | 1           |
| The Ukrainian military (N=1,005)                                | 97                               | 85              | 12       | 2                                | 2              | *             | 1  | *           |
| If currently lives in Ukraine Your local administration (N=995) | 58                               | 26              | 32       | 36                               | 25             | 11            | 6  | 1           |

TRUST2. How much do you trust the national government to do what is best for each of the following?

|                     | A great<br>deal/ |         |          | Very          |             |            |    |         |
|---------------------|------------------|---------|----------|---------------|-------------|------------|----|---------|
| WSJ/NORC            | somewhat         | A great |          | little/not at |             |            |    |         |
| 06/09-13/2022       | NET              | deal    | Somewhat | all NET       | Very little | Not at all | DK | SKP/REF |
| Ukraine             | 68               | 28      | 40       | 28            | 23          | 6          | 3  | 1       |
| You and your family | 60               | 22      | 38       | 38            | 28          | 9          | 2  | 1       |

N=1,005

THREAT. How much of a threat is each of the following to Ukraine's security?

| WSJ/NORC<br>06/09-13/2022                                 | A major threat | A minor threat | Not a threat at | DK | SKP/REF |
|---|----------------|----------------|-----------------|----|---------|
| Corruption among Ukraine's high officials and the wealthy | 85             | 9              | 1               | 5  | *       |
| Poor state of the economy                                 | 78             | 14             | 3               | 4  | 1       |
| Russian invasion in Ukraine                               | 97             | 2              | *               | 1  | 1       |

N=1,005

If currently lives in Ukraine

### CONTROL. Who controls the city, town, or village where you live right now?

### [DO NOT READ]

|                                 | WSJ/NORC<br>06/09-13/2022 |
|---------------------------------|---------------------------|
| The Ukrainian government        | 93                        |
| Russia/Russia's allies/DNR/LNR3 | 2                         |
| Partially each of the two sides | *                         |
|                                 |                           |
| DON'T KNOW                      | 4                         |
| SKIP/REFUSED                    | *                         |

N= 995

PLACE. Which of the following best describes you and your family's situation?

|  | WSJ/NORC<br>06/09-13/2022 |
|--|---------------------------|
| You and your family live in the same place as you did before February 24 <sup>th</sup>   | 67                        |
| You and your family live in a different place than you did before February 24 <sup>th</sup>  | 12                        |
| You/some family members live in the same place as before February 24 <sup>th</sup> , but some family members live in a different place   | 13                        |
| You/some family members live in a different place than before February 24 <sup>th</sup> , but some family members live in the same place | 7                         |
| DON'T KNOW   | *                         |
| SKIP/REFUSED   | 1                         |

N= 1,005

If participant/family lives in a different place than before February 24<sup>th</sup> in PLACE

## **RELOC.** You and your family

|   | WSJ/NORC<br>06/09-13/2022 |
|---|---------------------------|
| Left Ukraine after February 24 <sup>th</sup> and now live abroad  | 2                         |
| Relocated to another place in Ukraine                             | 83                        |
| Part of the family relocated to another place in Ukraine and part | 15                        |
| of the family left Ukraine and now live abroad                    |                           |
| DON'T KNOW  | -                         |

| SKIP/REFUSED | - |
|--------------|---|
|--------------|---|

N= 127

If participant/some family lives in the same place as before February 24<sup>th</sup>, but some family members live in a different place in PLACE

### **RELOC. Your family...**

|  | WSJ/NORC<br>06/09-13/2022 |
|--|---------------------------|
| Left Ukraine after February 24 <sup>th</sup> and now live abroad | 60                        |
| Relocated to another place in Ukraine                            | 38                        |
| DON'T KNOW   | 2                         |
| SKIP/REFUSED   | 1                         |

N= 146

If participant and family lives in a different place than before February 24<sup>th</sup> in PLACE **RELOC2. You and your family...** 

|  | WSJ/NORC      |
|--|---------------|
|  | 06/09-13/2022 |
| Plan to stay where relocated                                     | 21            |
| Plan to return home  | 68            |
| Part of the family is going to stay where relocated, and part of | 8             |
| the family is going to return home                               |               |
| DON'T KNOW   | 3             |
| SKIP/REFUSED   | -             |

N= 127

If participant lives with family in the same place as before February  $24^{th}$ , but some family members live in a different place in PLACE

### RELOC2. Your family...

|                              | WSJ/NORC<br>06/09-13/2022 |
|------------------------------|---------------------------|
| Plan to stay where relocated | 18                        |
| Plan to return home          | 75                        |
| DON'T KNOW                   | 7                         |
| SKIP/REFUSED                 | -                         |

N= 146

If participant/some family live in a different place than before February 24<sup>th</sup>, but some family members live in the same place in PLACE

## RELOC2. You...

|                              | WSJ/NORC<br>06/09-13/2022 |
|------------------------------|---------------------------|
| Plan to stay where relocated | 21                        |
| Plan to return home          | 74                        |
| DON'T KNOW                   | 5                         |
| SKIP/REFUSED                 | -                         |

N= 74

### LOST. Since February 24th, have you or your family experienced any of the following?

|  | WSJ/NORC      |
|--|---------------|
|  | 06/09-13/2022 |
| Loss of work   | 29            |
| Decrease in regular income                           | 44            |
| Total loss of income                                 | 15            |
| Family separation                                    | 18            |
| Loss or destruction of a house or property           | 8             |
| Failure to receive proper medical care or medication | 10            |
| Loss of life or health                               | 5             |
| Illegal mobilization                                 | 2             |
| Famine   | 2             |
| Torture  | *             |
| Forced deportation                                   | *             |
| Common crime, such as theft or burglary              | 2             |
| None   | 34            |
| DON'T KNOW   | *             |
| SKIP/REFUSED   | *             |

SACRIF2. In order to help support Ukraine's effort in the war in the future, are you and your family willing to make major sacrifices, minor sacrifices, or no sacrifices when it comes to your personal financial situation?

|                  | WSJ/NORC<br>06/09-13/2022 |
|------------------|---------------------------|
| Major sacrifices | 34                        |
| Minor sacrifices | 44                        |
| No sacrifices    | 14                        |
| DON'T KNOW       | 7                         |
| SKIP/REFUSED     | 1                         |

N= 1,005

PERS. Do you personally know someone who since February 24th has...?

| WSJ/NORC  |     |    |    |         |
|---|-----|----|----|---------|
| 06/09-13/2022   | Yes | No | DK | SKP/REF |
| Lost a family member or been killed during the fighting | 55  | 45 | *  | *       |
| Had to move from their home during the fighting         | 76  | 23 | *  | *       |

N=1,005

VIEW1. Thinking about Russian people in general, do you view Russian people very positively, somewhat positively, neither positively nor negatively, somewhat negatively, or very negatively?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                                   | WSJ/NORC<br>06/09-13/2022 |
|-----------------------------------|---------------------------|
| Very/somewhat positively NET      | 5                         |
| Very positively                   | 1                         |
| Somewhat positively               | 4                         |
| Neither positively nor negatively | 16                        |
| Somewhat/very negative NET        | 76                        |
| Somewhat negatively               | 22                        |
| Very negatively                   | 54                        |
| DON'T KNOW                        | 1                         |
| SKIP/REFUSED                      | 1                         |

VIEW2. Since February 24th, has your view of Russian people in general become more positive, more negative, or has your view of Russian people remained about the same as it was before February 24th?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                | WSJ/NORC<br>06/09-13/2022 |
|----------------|---------------------------|
| More positive  | 1                         |
| More negative  | 82                        |
| About the same | 16                        |
| DON'T KNOW     | *                         |
| SKIP/REFUSED   | 1                         |

N= 1,005

VIEW3. And thinking about the future, do you think the next generation of Ukrainians will view Russian people more positively, more negatively, or about the same as most of your family and friends view Russian people these days?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                | WSJ/NORC<br>06/09-13/2022 |
|----------------|---------------------------|
| More positive  | 2                         |
| More negative  | 65                        |
| About the same | 26                        |
| DON'T KNOW     | 7                         |
| SKIP/REFUSED   | 1                         |

N= 1,005

PUTIN. In your opinion, how many Russians support Vladimir Putin?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                   | WSJ/NORC      |
|-------------------|---------------|
|                   | 06/09-13/2022 |
| The vast majority | 52            |
| A small majority  | 21            |
| A minority        | 12            |
| Nobody            | 3             |
| DON'T KNOW        | 11            |
| SKIP/REFUSED      | *             |

N= 1,005

LANG. Do you favor, oppose, or neither favor nor oppose...?

## [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|  | Strongly/<br>somewhat |          |          | Neither   | Strongly/<br>somewhat |          |          |    |      |
|--|-----------------------|----------|----------|-----------|-----------------------|----------|----------|----|------|
| WSJ/NORC   | oppose                | Strongly | Somewhat | favor nor | oppose                | Somewhat | Strongly |    | SKP  |
| 06/09-13/2022  | NET                   | favor    | favor    | oppose    | NET                   | oppose   | oppose   | DK | /REF |
| Recognizing Ukrainian as<br>the only official state<br>language  | 89                    | 68       | 21       | 5         | 5                     | 2        | 3        | 1  | *    |
| Teaching Russian in schools and universities   | 19                    | 4        | 15       | 14        | 64                    | 18       | 46       | 3  | 1    |
| Recognizing Russian as a minority or regional language   | 22                    | 4        | 18       | 18        | 54                    | 19       | 35       | 5  | 1    |
| Allowing use of Russian in courts, schools, and government institutions in mainly Russian-speaking territories | 20                    | 3        | 17       | 16        | 59                    | 17       | 42       | 4  | 1    |
| Keeping books in Russian in libraries and bookstores   | 34                    | 7        | 27       | 25        | 38                    | 17       | 21       | 2  | 1    |

N=1,005

RESP. How much responsibility does each of the following groups bear for the ongoing conflict? Do they have...?

## [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                   | A great        |                |                |                |                |                |    |      |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----|------|
|                   | deal/some      | A great deal   |                | Very little/no |                | No             |    |      |
| WSJ/NORC          | responsibility | of             | Some           | responsibility | Very little    | responsibility |    | SKP/ |
| 06/09-13/2022     | NET            | responsibility | responsibility | at all NET     | responsibility | at all         | DK | REF  |
| Russia            | 85             | 82             | 3              | 10             | 1              | 9              | 4  | 1    |
| The United States | 58             | 26             | 33             | 31             | 14             | 18             | 9  | 1    |
| NATO              | 55             | 24             | 31             | 34             | 18             | 16             | 9  | 1    |

| The Ukrainian government | 70 | 47 | 24 | 23 | 12 | 12 | 5  | 1 |
|--------------------------|----|----|----|----|----|----|----|---|
| Ukraine's<br>ultra-right | 35 | 14 | 22 | 35 | 12 | 23 | 26 | 3 |
| nationalists             |    |    |    |    |    |    |    |   |

N=1,005

## OUTCOME. How likely is each of the following outcomes of the current conflict? Is it $\dots$

| WSJ/NORC<br>06/09-13/2022  | Extremely<br>/very<br>likely NET | Extremely<br>likely | Very likely | Somewhat<br>likely | Not<br>very/not<br>at all likely<br>NET | Not very<br>likely | Not at all<br>likely | DK | SKP/<br>REF |
|--|----------------------------------|---------------------|-------------|--------------------|---|--------------------|----------------------|----|-------------|
| Ukraine succeeds in<br>driving Russia out of<br>Ukrainian territory that<br>Russia occupied after<br>February 24 <sup>th</sup>       | 66                               | 46                  | 20          | 20                 | 10                                      | 8                  | 2                    | 4  | 1           |
| Ukraine succeeds in driving Russia out of <u>all</u> Ukrainian territory that Russia occupies, including whole of Donbass and Crimea | 53                               | 38                  | 16          | 21                 | 21                                      | 19                 | 3                    | 4  | *           |
| Neither side succeeds<br>and there will be a<br>prolonged struggle for<br>some time to come  | 21                               | 9                   | 12          | 25                 | 44                                      | 30                 | 13                   | 9  | 1           |
| A ceasefire occurs that allows Russia to retain occupied parts of southern Ukraine and Donbas  | 6                                | 3                   | 3           | 11                 | 76                                      | 34                 | 42                   | 7  | 1           |

N=1,005

PAY. In your opinion, should Russia compensate Ukraine for the destruction caused by the armed conflict?

## [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|            | WSJ/NORC<br>06/09-13/2022 |
|------------|---------------------------|
| Yes, fully | 94                        |

| Yes, partially  | 3 |
|---|---|
| No, Ukraine should only use international aid and its own resources | 1 |
| DON'T KNOW  | 2 |
| SKIP/REFUSED  | * |

N= 1,005

GRANT1. If peace could be achieved by granting Russia control over some parts of Ukrainian territory occupied by Russia <u>before</u> February 24<sup>th</sup>, would you find that...?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                                     | WSJ/NORC<br>06/09-13/2022 |
|-------------------------------------|---------------------------|
| Acceptable                          | 8                         |
| Neither acceptable nor unacceptable | 7                         |
| Unacceptable                        | 81                        |
| DON'T KNOW                          | 3                         |
| SKIP/REFUSED                        | 1                         |

N= 1,005

GRANT2. If peace could be achieved by granting Russia control over some parts of Ukrainian territory occupied by Russia <u>after</u> February 24<sup>th</sup>, would you find that...?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

|                                     | WSJ/NORC      |
|-------------------------------------|---------------|
|                                     | 06/09-13/2022 |
| Acceptable                          | 3             |
| Neither acceptable nor unacceptable | 5             |
| Unacceptable                        | 89            |
| DON'T KNOW                          | 2             |
| SKIP/REFUSED                        | 1             |

## CITY. In your opinion, do you think ceding control over each of the following to Russia is negotiable or non-negotiable?

### [ASK HALF OF RESPONDENTS IN REVERSE ORDER]

| WSJ/NORC  |            |                |    |         |
|---|------------|----------------|----|---------|
| 06/09-13/2022   | Negotiable | Non-negotiable | DK | SKP/REF |
| Parts of Donetsk oblast not controlled by Ukraine on Feb 24 ("DNR") | 18         | 76             | 5  | 1       |
| Parts of Luhansk oblast not controlled by Ukraine on Feb 24 ("LNR") | 19         | 75             | 5  | 1       |
| Mariupol  | 8          | 87             | 4  | 1       |
| Crimea  | 21         | 72             | 5  | 2       |
| Kherson city  | 6          | 89             | 4  | 1       |
| Melitopol and Berdyansk   | 8          | 88             | 4  | 1       |

N=1,005

## WEST. Are you satisfied, dissatisfied, or neither satisfied nor dissatisfied with the assistance that each of the following has given Ukraine?

| WSJ/NORC<br>06/09-13/2022 | Very/<br>somewhat<br>satisfied<br>NET | Very<br>satisfied | Somewhat<br>satisfied | Neither<br>satisfied<br>nor<br>dissatisfied | Very/<br>somewhat<br>dissatisfied<br>NET | Somewhat<br>dissatisfied | Very<br>dissatisfied | DK | SKP/<br>REF |
|---------------------------|---------------------------------------|-------------------|-----------------------|---|--|--------------------------|----------------------|----|-------------|
| France                    | 27                                    | 7                 | 20                    | 28  | 34                                       | 25                       | 9                    | 10 | 1           |
| Germany                   | 22                                    | 6                 | 16                    | 23  | 47                                       | 28                       | 20                   | 7  | 1           |
| The UK                    | 77                                    | 51                | 26                    | 9   | 4  | 3                        | 1                    | 9  | 1           |
| The US                    | 73                                    | 34                | 38                    | 13  | 7  | 5                        | 2                    | 6  | 1           |
| Poland                    | 89                                    | 69                | 20                    | 5   | 2  | 1                        | 1                    | 4  | 1           |

N=1,005

## D1. Age

|       | WSJ/NORC<br>06/09-13/2022 |
|-------|---------------------------|
| 18-29 | 15                        |
| 30-44 | 31                        |
| 45=59 | 27                        |
| 60+   | 27                        |

N= 1,005

## D2. Highest level of education

|                                     | WSJ/NORC      |
|-------------------------------------|---------------|
|                                     | 06/09-13/2022 |
| Primary/Unfinished Secondary        | 2             |
| Secondary Academic                  | 16            |
| Secondary Vocational                | 31            |
| Unfinished Higher                   | 10            |
| Post grad study/professional degree | 41            |
| SKIP/REFUSED                        | 1             |

N= 1,005

## D2a. Primary language of education

|                                     | WSJ/NORC      |
|-------------------------------------|---------------|
|                                     | 06/09-13/2022 |
| Ukrainian                           | 49            |
| Russian                             | 30            |
| Ukrainian and Russian about equally | 20            |
| Other                               | 1             |

## D3. Religion

|   | WSJ/NORC<br>06/09-13/2022 |
|---|---------------------------|
| None  | 6                         |
| Christian Orthodox  | 75                        |
| Christian Catholic  | 8                         |
| Protestant  | 1                         |
| Jewish (Judaism)  | *                         |
| Muslim (Islam)  | -                         |
| Buddhist  | *                         |
| Atheist   | 4                         |
| Believe in God but do not belong to a particular religion | 3                         |
| Other   | 1                         |
| DON'T KNOW  | 2                         |
| REFUSED   | *                         |

N= 1,005

## **D4. Employment Status**

|   | WSJ/NORC<br>06/09-13/2022 |
|---|---------------------------|
| Employed/working, full-time (includes military)         | 30                        |
| Employed/working, part-time (includes military)         | 12                        |
| Running a household/looking after family                | 12                        |
| Retired or disabled                                     | 25                        |
| Unemployed, looking for a new job                       | 13                        |
| Unemployed, looking for a new job                       | 2                         |
| Temporarily jobless (laid off and not looking for work) | 2                         |
| Student   | 2                         |
| Other   | 2                         |
| DON'T KNOW  | *                         |
| REFUSED   | -                         |

## D5. Employment type

|                                 | WSJ/NORC<br>06/09-13/2022 |
|---------------------------------|---------------------------|
| Government (excluding Military) | 23                        |
| Manufacturing                   | 17                        |
| Services                        | 36                        |
| Construction                    | 5                         |
| Military                        | 9                         |
| Other                           | 10                        |
| DON'T KNOW                      | -                         |
| REFUSED                         | 1                         |

N= 468

## D6. Which of the following best describes you and your family? Since February 24<sup>th</sup>...

|  | WSJ/NORC<br>06/09-13/2022 |
|--|---------------------------|
| You have joined the military or territorial defense                                      | 4                         |
| Someone in your immediate family has joined the military or territorial defense          | 46                        |
| You and someone in your immediate family have joined the military or territorial defense | 6                         |
| Neither you nor a family member have joined the military or territorial defense          | 43                        |
| DON'T KNOW   | 2                         |
| REFUSED  | -                         |

N= 1,005

### D7. Household income last month

|        | WSJ/NORC<br>06/09-13/2022 |
|--------|---------------------------|
| Low    | 36                        |
| Medium | 39                        |
| High   | 25                        |

N= 949

## D8. Gender

|        | WSJ/NORC<br>06/09-13/2022 |
|--------|---------------------------|
| Male   | 45                        |
| Female | 55                        |
| Other  | -                         |

N= 1,005

## **D10. Ethnicity (Accept Multiple Choices)**

|                            | WSJ/NORC<br>06/09-13/2022 |
|----------------------------|---------------------------|
| Ukrainian                  | 91                        |
| Russian                    | 10                        |
| Byelorussian               | 2                         |
| Tatarian                   | *                         |
| Bulgarian                  | 1                         |
| Hungarian                  | *                         |
| Romanian                   | 1                         |
| Polish                     | 2                         |
| Jewish                     | *                         |
| Moldovan                   | 1                         |
| Slovak                     | *                         |
| Other                      | 2                         |
| Hard to define/multiethnic | *                         |
| origin/mixed               | *                         |
| DON'T KNOW                 | *                         |
| REFUSED                    | *                         |

N= 1,005

## D11. Language Most Spoken at Home

|   | WSJ/NORC      |
|---|---------------|
|   | 06/09-13/2022 |
| Ukrainian   | 59            |
| Russian   | 28            |
| Byelorussian  | -             |
| Tatarian  | -             |
| Bulgarian   | *             |
| Hungarian   | *             |
| Romanian  | *             |
| Polish  | -             |
| Hebrew  | -             |
| Moldovan  | *             |
| Slovak  | -             |
| Ukrainian and Russian equally/dialect mix of both (surzhik) | 12            |
| Ukrainian and other equally                                 | *             |
| Russian and other equally                                   | -             |
| Other   | 1             |
| DON'T KNOW  | *             |
| REFUSED   | *             |

N= 1,005

## D12. Community

|                        | WSJ/NORC      |
|------------------------|---------------|
|                        | 06/09-13/2022 |
| Kyiv                   | 8             |
| Capital city of oblast | 25            |
| Large town (100,000    | 7             |
| residents or more)     | /             |
| Small town (less than  | 28            |
| 100,000 residents)     | 28            |
| Rural                  | 32            |

N= 1,005

## D13. Region

|       | WSJ/NORC      |
|-------|---------------|
|       | 06/09-13/2022 |
| Kyiv  | 8             |
| North | 13            |

| West   | 24 |
|--------|----|
| Center | 25 |
| South  | 16 |
| East   | 14 |

N= 1,005

#### **Study Methodology**

This survey, funded by the Wall Street Journal, was conducted by NORC at the University of Chicago. Staff from NORC at the University of Chicago and the Wall Street Journal collaborated on all aspects of the study.

Data were collected in Ukraine by the local agency Info Sapiens using a random sample of 1,005 Ukrainians aged 18 and older who own a mobile phone number with one of Ukraine's mobile service providers. Mobile numbers in Ukraine have ten digits. The first three digits are the mobile provider code. The last seven digits of the mobile number were generated randomly. Hence, the sample frame covered Ukrainian mobile numbers from the areas of the country under Ukrainian control prior to February 24<sup>th</sup>, and excluded Crimea and the separatist-controlled parts of Donbas where Ukrainian mobile providers are not used.

Consequently, this nationwide sample frame covered Ukrainians with local mobile numbers who relocated abroad and those from the areas occupied by Russian forces after February 24<sup>th</sup>. The respondents abroad were offered a small monetary incentive to offset roaming charges for the survey incoming call. Proportions of respondents from both subgroups are lower than their actual share in the population due to Ukrainians' limited use of the Ukrainian sim cards abroad, and switches to Russian mobile operators in the areas that went under Russian control. We estimate these two subgroups are underrepresented by approximately 3 percentage points each compared to their actual share of the population.

A total of 1,005 interviews were conducted between June 9-13, 2022. The numbers were dialed randomly using the CATI method, without quotas, with up to three callbacks. Interviews were conducted by live bilingual interviewers in Ukrainian and Russian, depending on respondent preference.

The overall margin of sampling error is +/- 4.0 percentage points at the 95 percent confidence level, including the design effect. The margin of sampling error may be higher for subgroups. Sampling error is only one of many potential sources of error and there may be other unmeasured error in this or any other survey.

Quality assurance checks were conducted to ensure data quality, including continuous supervision of interviewing and logical checks of completed interviews. In total, 24 cases were dropped after quality control. Once the sample has been selected and fielded, and all the study data have been collected and made final, a poststratification weighting was used to adjust for any survey nonresponse as well as any noncoverage or under and oversampling resulting from the study specific sample design. Poststratification variables included age, gender, region, and urbanicity. Targets for weighting were obtained from the State Statistics Service of Ukraine report, 2021. The weighted data reflect the Ukrainian population of adults aged 18 and over, excluding Crimea and the Donbas areas not under Ukrainian control before February 24<sup>th</sup>, 2022.

For more information, email <u>info@norc.org</u>